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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/568,539	02/17/2006	Wilhelm A. Keller	068754-0312	4613

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FOLEY AND LARDNER LLP
SUITE 500
3000 K STREET NW
WASHINGTON, DC 20007

EXAMINER

HAGEDORN, MICHAEL E

ART UNIT	PAPER NUMBER
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4159

MAIL DATE	DELIVERY MODE
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09/29/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/568,539	Applicant(s) KELLER, WILHELM A.	
	Examiner MICHAEL HAGEDORN	Art Unit 4159	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 Feburary 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>17 Feburary 2006</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Specification

The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT.
- (e) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC.
- (f) BACKGROUND OF THE INVENTION.
 - (1) Field of the Invention.
 - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (g) BRIEF SUMMARY OF THE INVENTION.
- (h) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (i) DETAILED DESCRIPTION OF THE INVENTION.
- (j) CLAIM OR CLAIMS (commencing on a separate sheet).
- (k) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (l) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

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(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-11 are rejected under 35 U.S.C. 102 (b) as being anticipated by Zinger ET al. (US Patent 6,113,571).

3. In re claim 1, Zinger discloses with reference to figures 1 and 2, below, the arrangement (110) for transferring, mixing, and dispensing components that comprises at least two dispensing devices (112), at least one of the dispensing devices containing at least one liquid component and the arrangement comprising a transfer unit (148) for the connection of the dispensing devices (112) that at least comprises connecting channels (162) between two adjacent or opposite dispensing devices (112), characterized in that wherein the transfer unit (148) comprises connecting channels (162) between outlets (118) for the components (112) of both dispensing devices (112) and locking members (10) for receiving corresponding locking members (10) on flanges (11) provided on the dispensing devices (112).

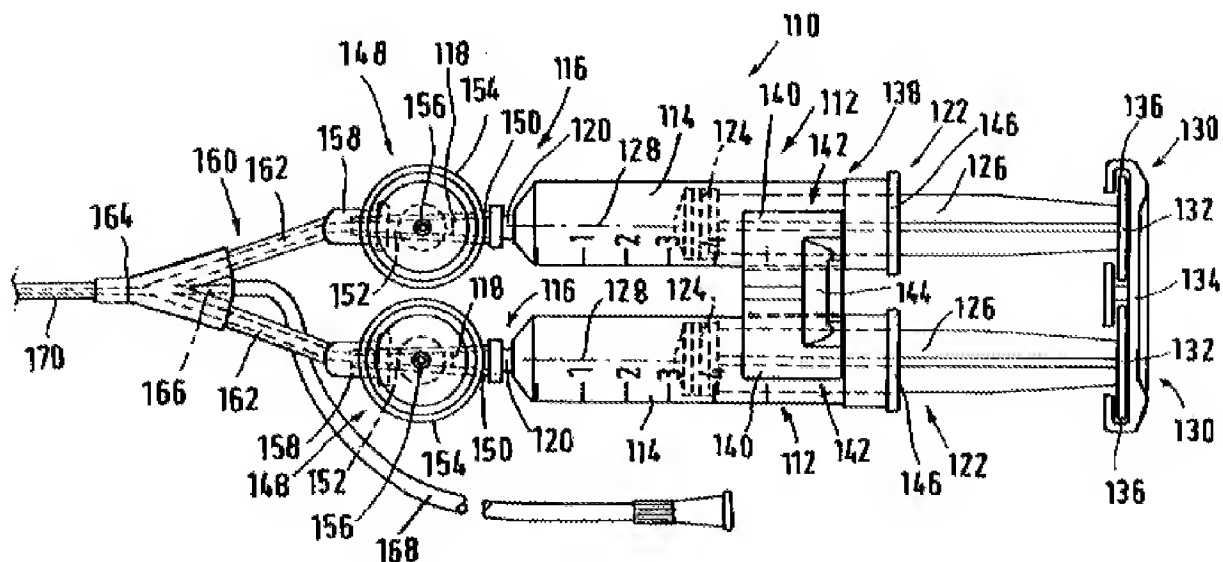


Figure 1 – Zinger et al. (US Patent 6,113,571)

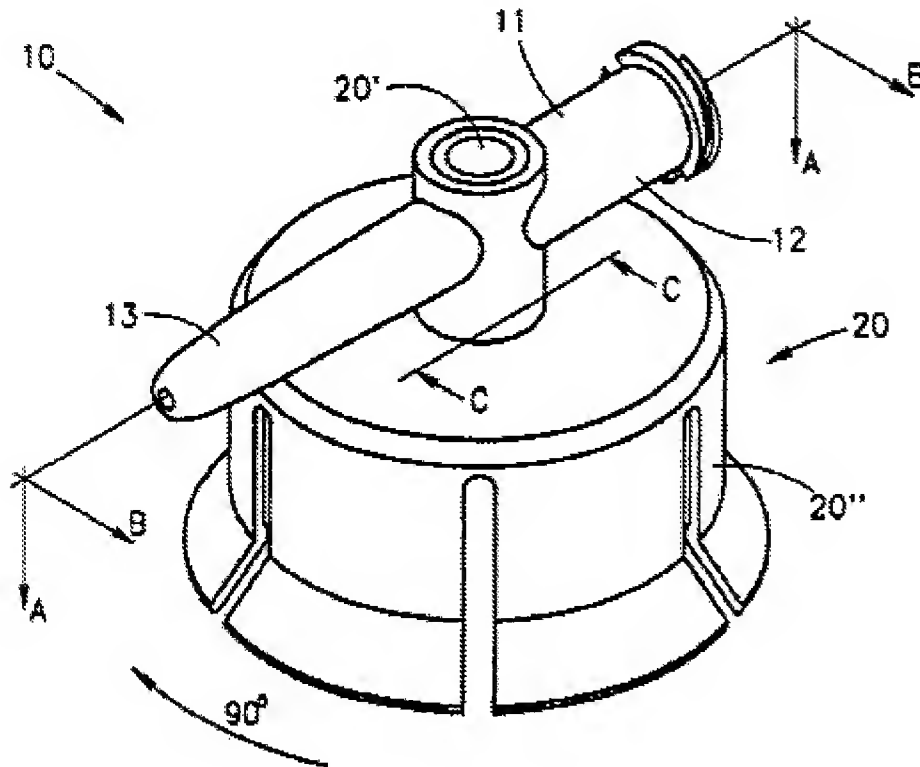


Figure 2; assembly of transfer unit – Zinger et al. (US Patent 6,113,571)

4. In re claim 2, Zinger discloses the arrangement, wherein the connecting channels (162) of the removably attachable transfer unit (148) are configured for transferring the liquid components from one of the dispensing devices (112) to another dispensing device (112) that is arranged in parallel thereto.
5. In re claim 3, Zinger discloses the arrangement, wherein the transfer unit (148) comprises connecting channels (162) between one outlets (118) respectively of one storage containers (114) of the one or the other dispensing device (112).
6. In re claim 4, Zinger discloses the arrangement with reference to figures 24 and 26C, wherein the transfer unit (67) is adapted for receiving at least two frontally opposite

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dispensing devices (83 & 84), the transfer unit (67) having pairs of through-going connecting channels (78'' and 79'') between the outlets (78' & 79') of the dispensing devices (83 & 84).

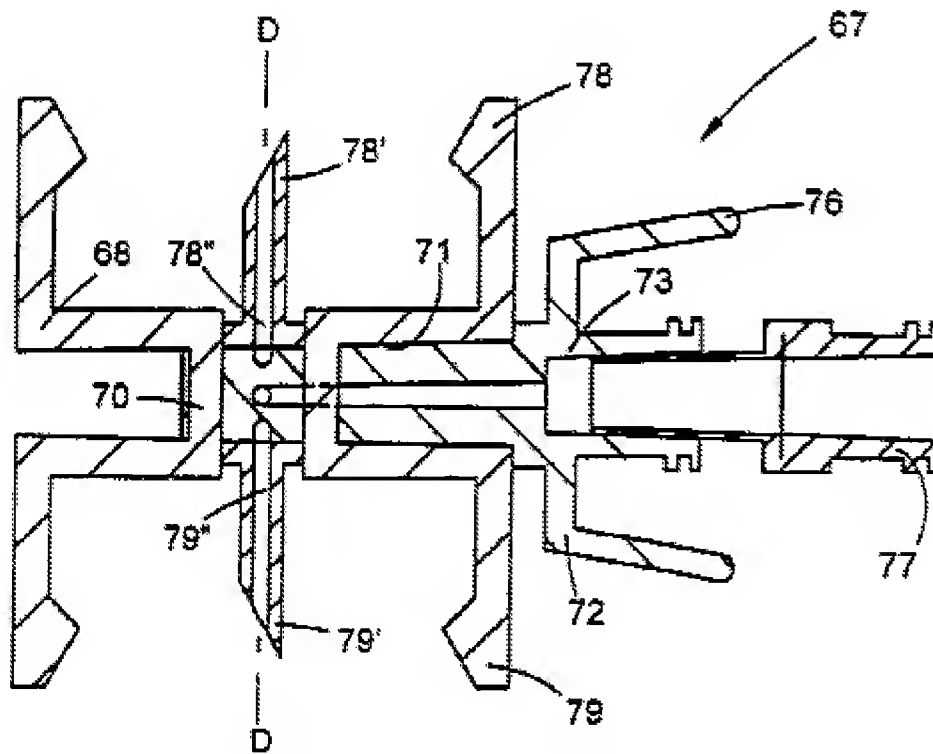


Figure 24 – Zinger et al. (US Patent 6,113,571)

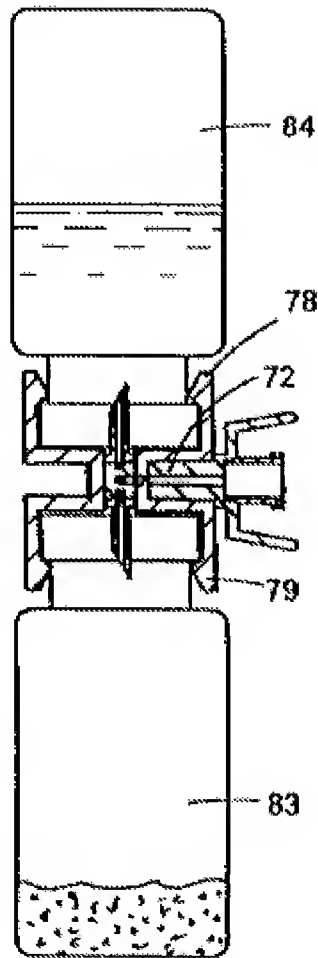


Figure 26C – Zinger et al. (US Patent 6,113,571)

7. In re claim 5, Zinger discloses the arrangement, referring back to figures 1 & 2 herein, wherein the transfer unit (148) comprises connecting channels (162) from the outlets (118) of the dispensing devices (112) to a common coupling (164) having at least one outlet (170) for mixer (168) or an accessory.
8. In re claim 6, Zinger discloses the arrangement wherein at least one of the storage containers (112) comprises a mixing arrangement (124).

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9. In re claim 7, Zinger discloses the arrangement, wherein the dispensing devices are double dispensing devices (112)

10. In re claim 8, Zinger discloses the arrangement, wherein the dispensing devices are double syringes (112) with double thrust rods (126)

11. In re claim 9, Zinger discloses the arrangement, wherein the dispensing devices (112) are double cartridges (114) with dispensing pistons (124).

12. In re claim 10, Zinger discloses the method for transferring, mixing and dispensing components by means of an arrangement wherein the dispensing devices (112) are coupled to the transfer unit (148), the dispensing device (112) for the liquid component is actuated for introducing that component into the other one, and the two components are mixed in another dispensing device (112) and the mixture is dispensed.

13. In re claim 11, Zinger discloses the method wherein the dispensing devices are double dispensing devices (112)

Conclusion

14. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Melanson et al (US Patent 6,610,003); McIntosh et al. (US Patent 9,936,033); Eibl et al (US Patent 4,735,616); Wolf et al (US Patent 5,104,375); Redl et al (US Patent 4,359,049); Chang (US patent 6,454,739).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MICHAEL HAGEDORN whose telephone number is (571)270-5705. The examiner can normally be reached on Monday thru Thursday 7:30am to 6:00pm EST / except federal holidays.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Nguyen can be reached on (571)272-4491. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Michael Hagedorn
Patent examiner
Art Unit 4159

/George Nguyen/
Supervisory Patent Examiner, Art Unit 4159